SONY

be like.no.other™

VAIO PROFESSIONAL

VGN-TZ31MN/N

Travel with Style

Ultra-mobile laptop in Platinum Sand carbon fibre with latest WLAN

VAIO Europe official website
http://www.vaio.eu/

VAIO Europe official website
http://www.vaiopro.eu/

KEY FEATURES

- Razor-thin 11.1" X-black LCD display with LED technology for longer battery life
- Sleek, tough and durable carbon fibre design keeps weight down to just 1.19kg
- Efficient computing with ultra-low voltage Intel® Centrino® Duo and up to 7.5 hours battery life
- Integrated webcam for instant face-to-face videoconferencing

TECHNICAL SPECIFICATIONS

Operating System

Operating System	Genuine Windows Vista® Business

Architecture

Platform	Intel® Centrino® processor technology
Chipset	Mobile Intel® 945GMS Express Chipset

Colour

Cover colour	Platinum Sand

CPU Section

Microprocessor Full Name	Intel® Core™2 Duo Processor U7600, Supports Enhanced Intel® SpeedStep® Technology
Microprocessor Manufacturer	Intel®
Microprocessor Speed (GHz)	1.2
L2 Cache (KB)	2048
Frontside Bus (MHz)	533
Number of Cores	2

Memory

Memory Speed (MHz)	533
Memory Type	DDR2 SDRAM (1x2048MB)
Max. Memory (MB)	2048
Memory Size (MB)	2048

Drives

Optical Drive Type	DVD+-RW/+-R DL/RAM
Optical Drive Fitting	Built-in
Hard Drive Capacity (GB)	100
Hard Drive Speed (rpm)	4200
Hard Drive Type	Ultra ATA/100

Drives Speed

Write	CD-R x24, CD-RW x16, DVD-R x8, DVD-RW x6, DVD+R DL x4, DVD+R x8, DVD+RW x8, DVD-RAM x5
Read	CD x24, CD-R x24, CD-RW x24, DVD x8, DVD-R DL x6, DVD-R x8, DVD-RW x8, DVD+R DL x6, DVD+R x8, DVD+RW x8, DVD-RAM x5

Display

Display Type	X-black LCD with LED technology
Diagonal Size (in)	11.1
Resolution Format	1366 x 768
Resolution Type	WXGA

Graphics

Graphic Card Full Name	Intel® Graphics Media Accelerator 950
Producer	Intel®
Comments	Total Available Graphics Memory of 256MB

Interfaces

4 Pin i.LINK™ (IEEE1394), 400 Mbps	1
DC in	1
Docking Station Interface	1
Memory Stick™ Slot	1
Memory Stick™ Slot Type	Memory Stick™ Duo, Memory Stick™ PRO Duo, high speed data transfer and MagicGate compatible
Microphone Jack	1
RJ-11 Direct Port (Modem)	1
RJ-45 Direct Port (Network)	1
USB Speed	High/Full/Low
USB Port (quantity)	2
USB Version	2.0
USB Connector Type	A
VGA Connector for Monitor	1
Express Card Slot	1
Express Card Type	34mm
SD Card Slot	1
Audio out	1
Audio out Type(s)	Stereo Headphones/Speakers Jack

Connectivity

Built-in Modem	V92/V.90
Integrated Wireless LAN	YES
Wireless LAN Max. Date Rate (Mbps)	300
Wireless LAN Range (m)	max. 100
Integrated Bluetooth (Version)	2.0 + EDR
Bluetooth Range (m)	10
Wireless LAN Type	802.11a/b/g Draft n
Ethernet network	10Base-T/100Base-TX/1000Base-T

Multimedia

Intel® High Definition Audio compatible	YES
Built-in Stereo Speakers	YES
Windows® Sound System Compatible	YES

Keyboard Section

Touch Pad	1

Features

Special Buttons	Power button, Wireless switch, AV Mode buttons
Auto Resolution	Plug and Display
Kensigton Lock	YES
Instant ON	YES
HDD Shock Protection	G-Sensor HDD Shock Protection
Built-in Microphone	YES

Software

Audio	Windows Media Player 11
Video & TV	WinDVD 8.0 for VAIO
Photo	Adobe® Photoshop® Elements 6.0
CD-DVD Burning	Easy Media creator 9
Office Application	Adobe® Acrobat® Standard 8.0, Adobe® Reader® 8.0, Microsoft® Works 8.5, Microsoft® Office Ready 2007 (60 days Try & Buy)
Security & Other	Norton 360 (with 60 days free virus update), VAIO Recovery Utility 2.6 - HDD recovery (hidden partition)

Built-in Camera

Built-in 'Motion Eye' Digital Camera	YES
Frames per Second	up to 30
Image Sensor (Mega Pixels)	0.3
Motion Picture Function	YES
Motion Pictures max. Resolution (pixels)	VGA (640x480)

Supplied Accessories

AC Adaptor	YES
Battery	YES
Power Cord	YES
Cleaning Cloth	YES

Dimensions

Depth Main Unit (mm)	198.2
Height Main Unit (min - max in mm)	22.5-29.8
Width Main Unit (mm)	277
Weight with Supplied Battery and Supplied Drive (kg)	1.19

Battery

Battery Type	Lithium-Ion battery (VGP-BPL11)
Battery Life (min)	360
Battery Charging Time (min)	290
Battery Life Disclaimer	Actual battery life will vary depending on your specific hardware and software configurations. Benchmark: MobileMark 2007

Guarantee

Months	12

OPTIONAL ACCESSORIES

Co-branded bag Mandarina Duck - Black Ladies bag

Ladies bags VAIO and Mandarina Duck co-branded

VGP-BPL11

Rechargeable Battery

VGP-PRTZ1

VGN-TZ series docking station

©2008 Sony Terms and Conditions